

WHAT IS CLAIMED IS:

Sub A1 1. A golf shoe cleat comprising a body member having an outer face and an inner face, shoe mounting member projecting outwardly from said inner face and adapted to secure said cleat in a receptacle in said golf shoe,

5 a plurality of shaped teeth projecting around the perimeter of said outer face, each tooth having an outward angulation to provide lateral stability and enhanced traction through the plane of a golf swing.

Sub A1 2. The cleat defined in Claim 1 wherein said inner face has a peripheral edge spaced from said threaded stud and an anti-debris ring formed integrally with said body member projecting from said inner face.

3. The cleat defined in Claim 2 wherein said cleat is molded from a polyurethane having a hardness range from 45D to 95D durometer hardness.

4. The cleat defined in Claim 2 wherein said angulation of each traction tooth is about $37\frac{1}{2}^\circ$ measured from a line passing axially through said threaded stud and a line passing axially through each traction tooth,
5 respectively.

5. A golf shoe cleat comprising a body member having a dome-shaped outer face and a planar inner face, a shoe attaching member projecting outwardly from said inner face, an annular anti-debris ring formed on the edge of said planar face,

a plurality of shaped teeth projecting around the perimeter of said main body member, each tooth having an outward angle to provide lateral stability and traction through the plane of a golf swing.

6. The cleat defined in Claim 5 wherein aid traction teeth are pseudo pyramid-shaped.

7. The cleat defined in Claim 5 wherein said cleat is molded from a polyurethane having a hardness range from 45D to 95D durometer hardness.

8. The cleat defined in Claim 7 wherein said plastic material is polyurethane having a hardness of 55d durometer hardness.

9. The golf cleat defined in Claim 5 wherein ~~said~~ ^{shoe attaching member} threaded stud has a helical thread extending from the base of said main body member outwardly and an at least one

5 plastic member filling a portion of said thread so as to prevent loosening of said cleat during use.

10. A golf shoe cleat comprising a main body member having a dome-shaped outer face and a planar inner face, shoe attachment means projecting outwardly from said inner face,

5 a plurality of pseudo pyramid-shaped teeth projecting around the perimeter of said main body member, each said pseudo pyramid-shaped teeth having an outward angle to provide lateral stability and traction through the plane of a golf swing, said teeth being in a low profile to reduce 10 damage to putting green surfaces,

said body member having an anti-debris ring on the peripheral edge of said planar inner face.

Sub A2

11. A sports shoe cleat comprising
5 a body member having an outer face and an inner face,
a threaded stud molded integrally with said main body member and projecting outwardly from said inner face and having an axis perpendicular to said inner face,

a plurality of perimeter traction teeth projecting around the perimeter of said outer face, and

a central wear tooth having an axis AL aligned with the axis of said threaded stud member and wherein each

10 perimeter traction tooth has an axial line ALT which is angled outward relative to said axis AL to provide lateral stability and enhanced traction.

12. The sports shoe cleat defined in Claim 11 wherein said perimeter traction teeth have an inside surface facing said central wear tooth and an outside surface facing away from said central wear tooth, and said inside surface is pyramid-shaped and said outside surface is cone-shaped.

5 13. The sports shoe cleat defined in Claim 11 wherein said sports shoe cleat is molded from a polyurethane having a hardness range from 45D to 95D durometer hardness.

14. The sports shoe cleat defined in Claim 11 wherein said central wear tooth is encircled by said traction teeth and wherein each traction tooth is angled about $37\frac{1}{2}^{\circ}$ measured from said axis AL passing axially through the center of wear tooth and said axial line ALT passing axially through each traction tooth, respectively.

15. A golf shoe cleat comprising a main body member having a dome-shaped outer face and a planar inner face,

5 a threaded stud molded integrally with said main body member and projecting vertically outwardly from said inner face, said main body member having a circular perimeter,

10 a plurality of perimeter traction teeth circumferentially spaced around said circular perimeter of said main body member, each tooth having an outward angle to provide lateral stability and traction through the plane of
15 a golf swing,

15 said body member having a central wear pad at the center of said dome-shaped outer face, said central wear pad being a weight-bearing surface such as to support the majority of the body weight placed on the cleat and tending to keep weight off said traction teeth to prolong the life of said traction teeth and the golf shoe cleat.

16. ~~The golf shoe cleat defined in Claim 15 wherein~~
15 said traction teeth are pseudo pyramid-shaped.

17. ~~The golf shoe cleat defined in Claim 15 wherein~~
15 said cleat is molded from a polyurethane having a hardness range from 45D to 95D durometer hardness.

18. ~~The golf shoe cleat defined in Claim 17 wherein~~
15 said plastic material is polyurethane having a hardness of about 55D durometer hardness.

Subj 3

19. The golf cleat defined in Claim 15 wherein said threaded stud has a helical groove extending from the base of said main body member outwardly and an at least one plastic fillet member bridging a portion of said helical groove so as to prevent loosening of said cleat during use.

5

20. A golf shoe cleat comprising:

a main body member having a dome-shaped outer face and a generally planar inner face,

5

a threaded stud molded integrally with said main body member and projecting outwardly from said inner face and having an axis AL which is perpendicular to said generally planar inner face,

10

a plurality of pseudo pyramid-shaped teeth projecting around the perimeter of said main body member, each said pseudo pyramid-shaped teeth having an axial line ALT exiting at an outward angle relative to said axis AL to provide lateral stability and traction through the plane of a golf swing, said teeth being in a low profile to reduce damage to putting green surfaces,

15

said body member having a wear pad at the center of said dome-shaped outer face, said wear pad being a weight-bearing surface such as to support the majority of the body weight placed on the cleat and keeping weight off said

traction teeth to prolong the life of said traction teeth
20 and the cleat,

said dome shaped outer face and wear pad being adapted
so that the body weight is directed toward the center of
the cleat so that it wears from the inside out and that as
the cleat wears from the inside out, said traction teeth
25 also wear in an outward manner to allow said traction teeth
to maintain said outward angle needed to provide lateral
traction throughout the life of the cleat.

add 5
7/10/27